

# Groundwater Level Comparison in Selected Central Valley Water Wells

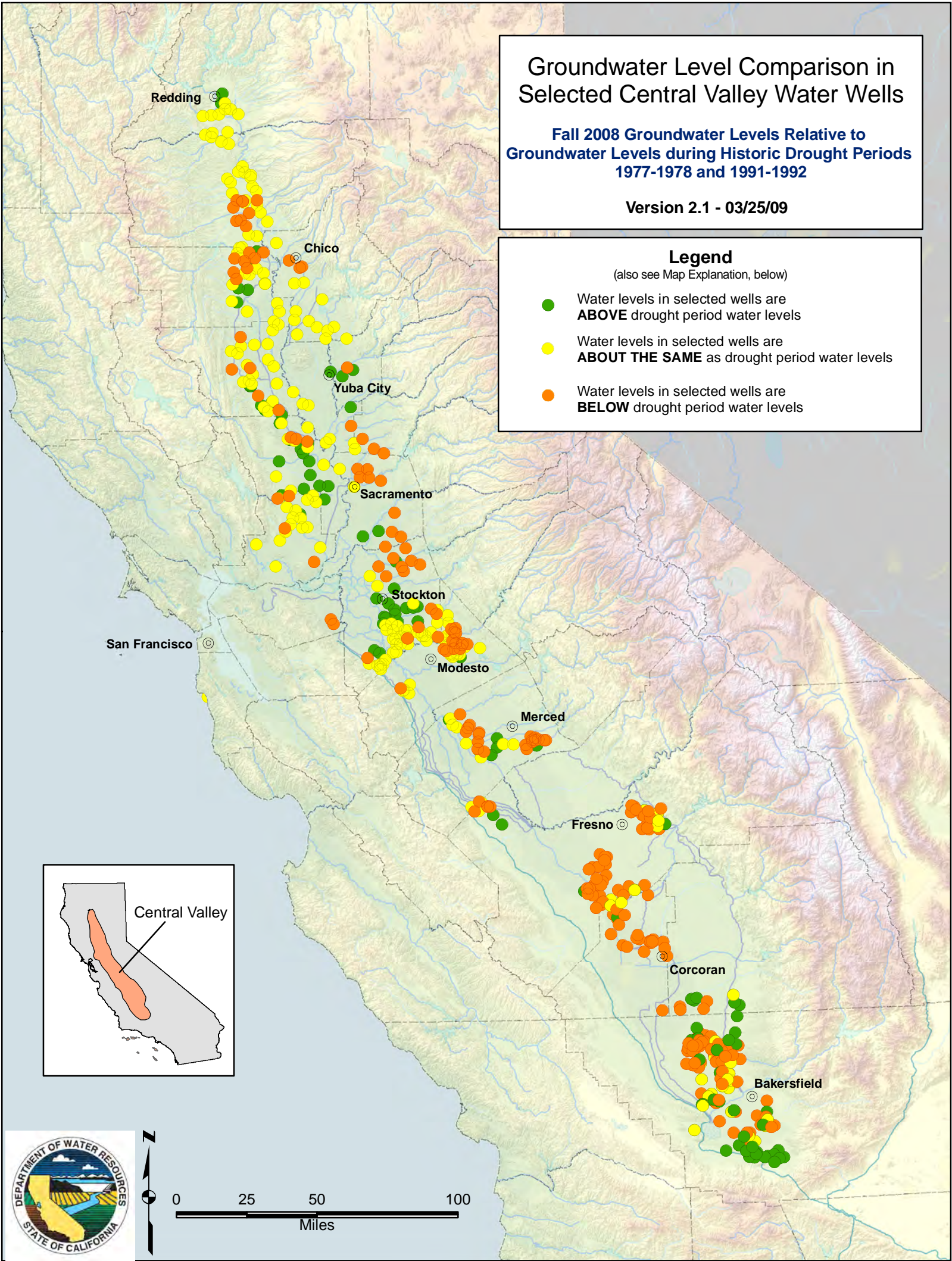
Fall 2008 Groundwater Levels Relative to Groundwater Levels during Historic Drought Periods 1977-1978 and 1991-1992

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## Legend

(also see Map Explanation, below)

- Water levels in selected wells are **ABOVE** drought period water levels
- Water levels in selected wells are **ABOUT THE SAME** as drought period water levels
- Water levels in selected wells are **BELOW** drought period water levels



Map Explanation ([click here for a more detailed map explanation](#)):

This map compares fall 2008 groundwater elevations with two recent drought water periods; 1977-1978 and 1991-1992. Dots are located at selected water well sites where groundwater level data is available for fall 2008, fall 1977 or fall 1978, and fall 1991 or fall 1992.

The dot color indicates a difference between groundwater levels during historic drought periods and the current drought period. Dots are colored as follows:

- Green indicates where fall 2008 groundwater levels are more than five feet above historic drought period water levels;
- Yellow indicates where fall 2008 groundwater levels are within five feet (plus or minus) of historic drought period water levels;
- Orange indicates where fall 2008 groundwater levels are more than five feet below historic drought period water levels.

Where groundwater level comparisons differ between individual historic drought periods, the lower water level was selected. For example, if a well shows that the fall 2008 water level is within five feet of the water level in 1991 and more than five feet below the water level in 1977, then an orange dot is placed on the map.

Data Source: California Department of Water Resources Water Data Library, Groundwater Module ([wdl.water.ca.gov](http://wdl.water.ca.gov))